

AMENDMENTS TO THE CLAIMS:

Please cancel claims 1-17 and 19, without prejudice. Kindly amend claims 18 and 20, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claims 1 - 17 (cancelled)

Claim 18 (currently amended): A component comprising positioning configurations, an optical waveguide, a first mirror and a second mirror which takes up a much smaller area than the first mirror, the first mirror lying in prolongation of the optical waveguide, wherein the second mirror lies also in prolongation of the optical waveguide, the second mirror, as seen from the optical waveguide, lies behind the first mirror and the first mirror is followed by the second mirror.

Claim 19 (cancelled)

Claim 20 (currently amended): The component according to claim ~~19~~ 18, wherein the area of the second mirror projected into a plane perpendicular to the longitudinal axis of the optical waveguide amounts to not more than 1/10 of the projected area of the first mirror.

Claim 21 (previously presented): The component according to claim 18, wherein the second mirror, in a projection into a plane perpendicular to the longitudinal axis of the optical waveguide, lies within the area of the first mirror.

Claim 22 (previously presented): The component according to claim 18, wherein the first and second mirrors are parabolic mirrors.

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Claim 23 (previously presented): The component according to claim 18, wherein the focal point of the second mirror, as seen from the optical waveguide, lies behind the focal point of the first mirror.

Claim 24 (previously presented): The component according to claim 18, wherein the component is provided with a receiving groove, having a trapezoidal cross-section, for an optical waveguide and in that the optical waveguide is an optical fiber which has a trapezoidal cross-section in the region of the component.

Claim 25 (previously presented): The component according to claim 18, wherein the component is provided with a receiving groove, having a semicircular cross-section, for an optical waveguide and in that the optical waveguide is an optical fiber, which has a semicircular cross-section in the region of the component.

Claim 26 (previously presented): An assembly consisting of a component according to claim 18, and a second component comprising adjustment configurations, an optical transmitter and an optical receiver, the transmitter and the receiver being arranged next to one another and the two components being precisely aligned relative to each other by means of the positioning and adjustment configurations such that the first mirror can cooperate with the optical receiver and the second mirror with the optical transmitter, so that light (E) coupled in via the optical waveguide falls on the receiver and the light (S) generated by the transmitter is coupled into the optical waveguide.

Claim 27 (previously presented): The assembly according to claim 26, wherein the receiver is provided on its active surface with a filter, which is opaque for the light radiated from the transmitter.

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Claim 28 (previously presented): The assembly according to claim 26, wherein conducting tracks are provided by means of which the receiver and the transmitter can be connected.

Claim 29 (previously presented): The assembly according to claim 26, wherein the second component comprises a gold coating on its outer surface, which coating forms a bondable surface.

Claim 30 (previously presented): The assembly according to claim 27, wherein conducting tracks are provided by means of which the receiver and the transmitter can be connected.

Claim 31 (previously presented): The assembly according to claim 27, wherein the second component comprises a gold coating on its outer surface, which coating forms a bondable surface.

Claim 32 (previously presented): The assembly according to claim 28, wherein the second component comprises a gold coating on its outer surface, which coating forms a bondable surface.

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

—
175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

AMENDMENTS TO THE ABSTRACT:

Please amend the abstract as follows:

The invention relates to a transmitter-receiver assembly by means of which light signals can be transformed into electric signals (receiver mode), or electric signals into light signals (transmitter mode). ~~Said~~ The assembly comprises ~~includes~~ a component ~~(10) comprising~~ having positioning configurations ~~(16)~~, an optical waveguide ~~(17)~~, a first mirror ~~(14)~~ and a second mirror ~~(15)~~, the two mirrors ~~(14, 15)~~ lying in prolongation of the optical waveguide ~~(17)~~, and the second mirror ~~(15)~~, as seen from the optical waveguide ~~(17)~~, lying behind the first mirror ~~(14)~~, as well as to a component ~~(20)~~ having adjustment configurations ~~(23)~~, an optical transmitter ~~(29)~~ and an optical receiver ~~(25)~~, the transmitter ~~(29)~~ and the receiver ~~(25)~~ being arranged next to one another.

~~Figure 1~~

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567